



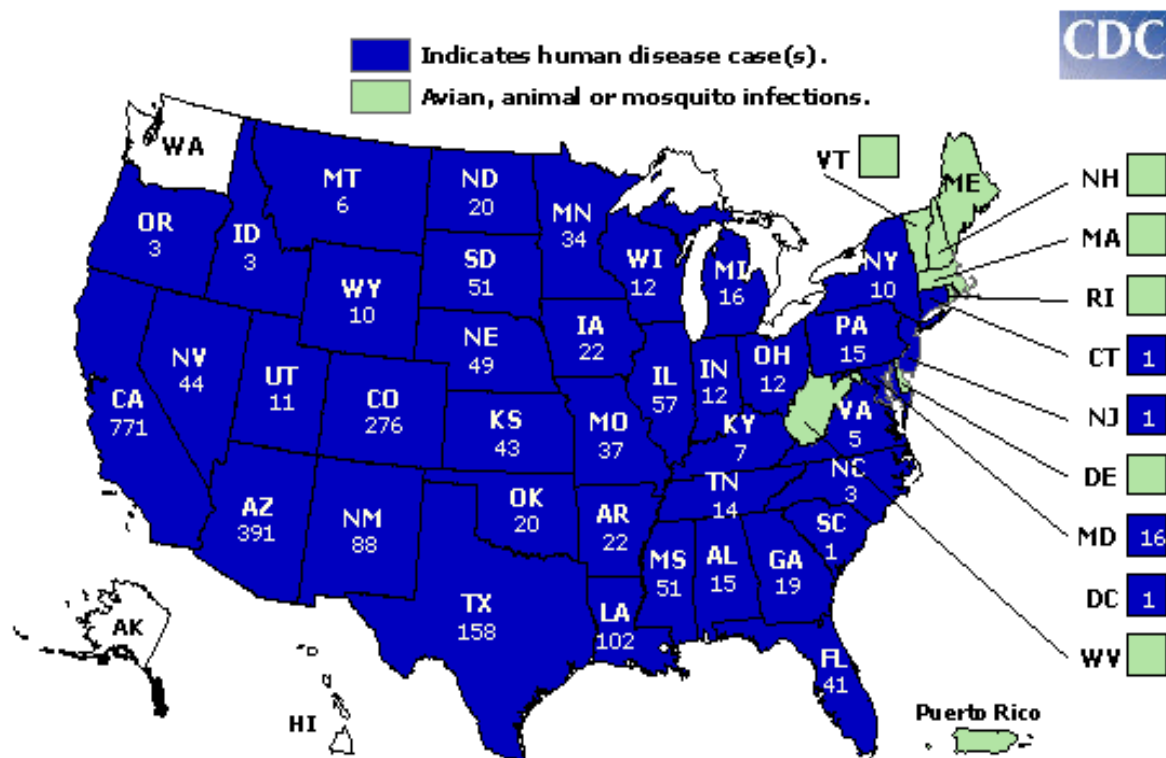
West Nile Virus Newsletter

For the third year, the Department of Health (DOH) is using this electronic newsletter as a regular communication tool to help keep its partners informed about West Nile virus (WNV). The newsletter will be provided routinely throughout the warmer peaks of the mosquito season and less frequently during the colder, non-peak mosquito periods.

Surveillance News

Provided by the Centers for Disease Control and Prevention

2004 West Nile Virus Activity in the United States (reported to CDC as of January 11, 2005)



As of January 11, 2005, 40 states have reported a total of 2,470 human cases of West Nile virus (WNV) illness to CDC through ArboNET for 2004. Among 2,439 WNV cases with clinical and demographic data available, the median age was 52 years (range 1 month - 99 years) and 1,433 (59 percent) were males. Of these 2,439 cases, 897 (37 percent) were neuroinvasive. In 2004, there have been a total of 88 published WNV-related fatalities. Of these 88 fatal cases clinical and demographic data were available on 87. The median age of these 87 decedents was 73 years (range 43 - 95 years).

Additional information about national WNV activity is available from CDC at <http://www.cdc.gov/ncidod/dvbid/westnile/index.htm>. Maps detailing county-level human, mosquito, veterinary, avian and sentinel data are published each week on the collaborative USGS/CDC West Nile virus website: <http://westnilemaps.usgs.gov>.

Washington Non-human Surveillance Summary for 2004

County	Horses*		Birds**		Sentinel Flocks***		Mosquito Pools****	
	Tested	Positive	Tested	Positive	Tested	Positive	Tested	Positive
Adams	0	0	3	0	0	0	0	0
Asotin	0	0	1	0	0	0	0	0
Benton	0	0	18	0	311	0	84	0
Chelan	1	0	6	0	0	0	0	0
Clallam	0	0	6	0	0	0	0	0
Clark	1	0	54	0	0	0	22	0
Columbia	0	0	0	0	0	0	0	0
Cowlitz	1	0	25	0	0	0	26	0
Douglas	0	0	0	0	0	0	0	0
Ferry	0	0	0	0	0	0	0	0
Franklin	4	0	3	0	0	0	163	0
Garfield	0	0	0	0	0	0	0	0
Grant	1	0	4	0	0	0	0	0
Grays Harbor	0	0	5	0	0	0	0	0
Island	3	0	23	0	0	0	0	0
Jefferson	1	0	6	0	0	0	53	0
King	3	0	93	0	0	0	5	0
Kitsap	1	0	0	0	0	0	241	0
Kittitas	0	0	5	0	0	0	0	0
Klickitat	1	0	2	0	0	0	0	0
Lewis	0	0	19	0	0	0	0	0
Lincoln	0	0	1	0	0	0	0	0
Mason	0	0	14	0	0	0	0	0
Okanogan	0	0	2	0	0	0	0	0
Pacific	0	0	6	0	0	0	0	0
Pend Oreille	0	0	0	0	0	0	0	0
Pierce	3	0	58	0	0	0	227	0
San Juan	0	0	6	0	0	0	0	0
Skagit	0	0	16	0	0	0	0	0
Skamania	1	0	5	0	0	0	0	0
Snohomish	3	0	92	0	0	0	32	0
Spokane	8	0	14	0	0	0	23	0

Stevens	1	0	8	0	0	0	0	0
Thurston	1	0	38	0	0	0	0	0
Wahkiakum	0	0	0	0	0	0	0	0
Walla Walla	5	0	5	0	0	0	0	0
Whatcom	2	0	10	0	0	0	0	0
Whitman	1	0	2	0	0	0	0	0
Yakima	1	0	3	0	81	0	139	0
Totals	43	0	553	0	392	0	1015	0

*An additional 14 equine tested negative, but were not included in the table because county/state information was not available. WADDL Report Dated: December 1, 2004

**A total of 572 birds have been submitted for testing, of which 19 were unsuitable and not tested for West Nile virus.

***Benton County MCD Report Dated: September 30, 2004

****USACHPPM-West Report Dated: November 12, 2004, WADDL Report Dated: September 29, 2004, Clark County MCD Reported: September 8, 2004, Benton County MCD Reported Date: September 29, 2004, Franklin County MCD Reported Date: November 24, 2004 and Fairchild AFB Reported: November 29, 2004.

Research and Dispatch Journal Articles on West Nile Virus

*Centers for Disease Control and Prevention, Emerging Infectious Diseases,
Volume 10, Number 12 – December Issue*

This issue of the Emerging Infectious Diseases journal is entirely devoted to the topic of emerging and reemerging zoonotic diseases. Below are the articles related to West Nile virus.

West Nile Virus Outbreak in North American Owls, Ontario, 2002, A.Y. Gancz et al.

<http://www.cdc.gov/ncidod/eid/vol10no12/04-0167.htm>

Alligators as West Nile Virus Amplifiers, K. Klenk et al.

<http://www.cdc.gov/ncidod/eid/vol10no12/04-0264.htm>

Differential Virulence of West Nile Strains for American Crows, A.C. Brault et al.

<http://www.cdc.gov/ncidod/eid/vol10no12/04-0486.htm>

VecTest as Diagnostic and Surveillance Tool for West Nile Virus in Dead Birds, W.B. Stone et al. <http://www.cdc.gov/ncidod/eid/vol10no12/04-0836.htm>

Genome Sequence and Attenuating Mutations in West Nile Virus Isolate from Mexico, D.W.C. Beasley et al.

<http://www.cdc.gov/ncidod/eid/vol10no12/04-0647.htm>

Detecting West Nile Virus in Owls and Raptors by an Antigen-capture Assay, A.Y. Gancz et al.

<http://www.cdc.gov/ncidod/eid/vol10no12/04-0168.htm>

West Nile Virus Viremia in Wild Rock Pigeons, A.B. Allison et al.

<http://www.cdc.gov/ncidod/eid/vol10no12/04-0511.htm>

Upcoming Events:

2005 National Conference on West Nile Virus in the United States

San Jose, California - February 8-9, 2005

The Fairmont Hotel - San Jose

More information at: <http://www.wnvconference.org/>

The American Mosquito Control Association 2005 Annual Meeting

Vancouver, British Columbia – April 3-7, 2005

The Hyatt Regency – Vancouver, BC

More information at: <http://www.mosquito.org/annualmeeting2005.php>

Community Comments

Let us hear your comments on this newsletter, your needs, or things you would like to see, by sending them to Maryanne Guichard, 360.236.3391 or maryanne.guichard@doh.wa.gov

WNV Web Resources

Washington State Department of Health www.doh.wa.gov/wnv

Center for Disease Control and Prevention <http://www.cdc.gov/ncidod/dvbid/westnile/>

Washington State University Cooperative Extension <http://wnv.wsu.edu/>

Cornell University, Center for Environment <http://www.cfe.cornell.edu/erap/WNV>

Washington State Department of Agriculture

<http://agr.wa.gov/FoodAnimal/AnimalHealth/Diseases/WestNileVirus/default.htm>

Article Submission

We are interested in receiving articles for future publications of the WNV Newsletter. Please submit articles to Ben Hamilton, benjamin.hamilton@doh.wa.gov.

DOH Contact List for West Nile Virus

General Public Toll-Free Hotline 1.866.78VIRUS

Publications: Brochures/Response Plan/Fact Sheets

Laura Harper, 360.236.3380, or laura.harper@doh.wa.gov.

Surveillance: Mosquito

Jo Marie Brauner, 360.236.3064, or jomarie.brauner@doh.wa.gov.

Animal Surveillance: Dead bird and horse surveillance, case reporting, and laboratory assistance, as well as general WNV response

Tom Gibbs, 360.236.3060, or tom.gibbs@doh.wa.gov.

Aquatic Mosquito Control National Pollutant Discharge Elimination System (NPDES)

General Permit: Training, technical assistance

Ben Hamilton, 360.236.3364, or benjamin.hamilton@doh.wa.gov.

WNV in Humans: Clinical information, case reporting, and laboratory testing

Call your local health jurisdiction or DOH Communicable Disease Epidemiology,
(206) 418-5500 or (877) 539-4344.

Assistance with news releases and media response

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